

# Sonali Mcdermid

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

998  
citations

516710

16  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Future Climate Change Under SSP Emission Scenarios With GISSâ€2.1. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	22
2	CMIP6 Historical Simulations (1850â€2014) With GISSâ€2.1. Journal of Advances in Modeling Earth Systems, 2021, 13, e2019MS002034.	3.8	49
3	Editorial for Special Issue: â€œGlobal Vegetation and Land Surface Dynamics in a Changing Climateâ€ Land, 2021, 10, 45.	2.9	0
4	The climate responsibilities of industrial meat and dairy producers. Climatic Change, 2021, 165, 1.	3.6	26
5	Disentangling the Regional Climate Impacts of Competing Vegetation Responses to Elevated Atmospheric CO 2. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034108.	3.3	6
6	Violent conflict exacerbated drought-related food insecurity between 2009 and 2019 in sub-Saharan Africa. Nature Food, 2021, 2, 603-615.	14.0	51
7	Moisture and temperature influences on nonlinear vegetation trends in Serengeti National Park. Environmental Research Letters, 2021, 16, 094049.	5.2	3
8	Minimizing trade-offs for sustainable irrigation. Nature Geoscience, 2021, 14, 706-709.	12.9	16
9	A reporting framework for Sustainable Development Goal 15: Multi-scale monitoring of forest degradation using MODIS, Landsat and Sentinel data. Remote Sensing of Environment, 2020, 237, 111592.	11.0	45
10	GISSâ€2.1: Configurations and Climatology. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002025.	3.8	234
11	Divergent Regional Climate Consequences of Maintaining Current Irrigation Rates in the 21st Century. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031814.	3.3	17
12	An appeal to cost undermines food security risks of delayed mitigation. Nature Climate Change, 2020, 10, 418-419.	18.8	5
13	Soil carbon sequestration simulated in CMIP6-LUMIP models: implications for climatic mitigation. Environmental Research Letters, 2020, 15, 124061.	5.2	35
14	Climate Change Amplification of Natural Drought Variability: The Historic Mid-Twentieth-Century North American Drought in a Warmer World. Journal of Climate, 2019, 32, 5417-5436.	3.2	23
15	Indian summer monsoon: Extreme events, historical changes, and role of anthropogenic forcings. Wiley Interdisciplinary Reviews: Climate Change, 2019, 10, e571.	8.1	117
16	The Sensitivity of Landâ€Atmosphere Coupling to Modern Agriculture in the Northern Midlatitudes. Journal of Climate, 2019, 32, 465-484.	3.2	5
17	Distinct Influences of Land Cover and Land Management on Seasonal Climate. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12017-12039.	3.3	26
18	Anthropogenic forcings on the climate of the Aral Sea: A regional modeling perspective. Anthropocene, 2017, 20, 48-60.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Representing agriculture in Earth system Models: Approaches and priorities for development. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2230-2265.	3.8	54
20	Climate change impacts vis-a-vis productivity of soybean in vertisol of Madhya Pradesh. <i>Journal of Agrometeorology</i> , 2017, 19, 10-16.	0.3	6
21	The tropical rain belts with an annual cycle and a continent model intercomparison project: TRACMIP. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1868-1891.	3.8	47
22	Irrigation as an historical climate forcing. <i>Climate Dynamics</i> , 2015, 44, 1715-1730.	3.8	103
23	The response of the South Asian Summer Monsoon circulation to intensified irrigation in global climate model simulations. <i>Climate Dynamics</i> , 2014, 42, 21-36.	3.8	47
24	Carbonâ€“Temperatureâ€“Water change analysis for peanut production under climate change: a prototype for the AgMIP Coordinated Climateâ€“Crop Modeling Project (C3MP). <i>Global Change Biology</i> , 2014, 20, 394-407.	9.5	48